

## ABSTRACT

Sub A. > Disclosed is a page printer control method, and a page printer therefor, for compressing print data for one page and for storing the compressed data in a memory, so that even when  
5 a printing resolution is changed due to a memory shortage, the resolution can be used for all the pages of a document. According to the present invention, a system for controlling a page printer comprises: a memory; a controller, for drawing print data; a compression circuit, for compressing drawing  
10 data; an expanding circuit, for expanding the compressed data; and a video output circuit, for outputting expanded data to the printer engine as a video signal. The controller detects the remaining capacity of the compression data area in the memory, and when a memory shortage is detected, i.e., when  
15 insufficient storage capacity is available, the printing resolution is changed and the drawing process is performed, starting at the beginning of the job.